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FCC Mail Room

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DATE: Friday, March 7, 2014

FROM: Douglas Hilliary – Manager
Texhoma Fiber, LLC

TO: Federal Communications Commission (FCC) Staff

SUBJECT: Expression of Interest – Rural
Trials Docket No. 10-90

Background

Texhoma Fiber was established in 2011 as a vehicle for Hilliary Communications to deploy 250+ miles of fiber in North Texas. The fiber was initially used to provide Verizon Wireless and US Cellular with 10GIG backhauls for their new LTE sites. With that project complete, Texhoma is now focusing on rural markets within its fiber footprint to deploy both FTTH and fiber fed Wireless. Without the unique 250+miles of fiber, deployment to these sparsely populated rural areas would not be possible. Texhoma saw this opportunity as it was constructing its fiber network. Thus the reason, Texhoma has 86% dark capacity within its footprint to build out to rural markets.

Geographic Territory

The proposed service area includes the counties of Archer, Clay and Wichita in Texas. This totals about 15,000 people. The area does not include the towns of Iowa Park, Wichita Falls and Burkburnett.

List of Anchor Institutions

Anchor Institutions would include but not necessarily be limited to Electra School, Electra Fire Dept, Electra Police Department, Scotland police department, Windthorst school district, Midway school district, Iowa Park school district, Cityview school district, Henryetta school district, Clay county Sheriffs office, Archer county Sheriffs office, Bellvue school district, Belvue Fire Department, Archer city fire Department, Cashin Fire Department, Vashti Fire Department

Proposed technology

We are planning on offering GPON FTTH services. Our offerings will include voice, television, and broadband services. Our initial speed offerings will start at 10 Mbps, 20 Mbps, 50 Mbps, 100 Mbps and 1 Gbps. Anchor institutions will be offered the ability to receive 100 Mbps connections. These service offerings will be priced according to the tiers

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of service on a monthly fee of \$49 (10 Mbps), \$69 (20 Mbps), \$99 (50 Mbps), \$199 (100 Mbps) and \$950 (1 Gbps).

State and/or Local or Tribal Government Participation in and/or Support for Project

Texhoma Fiber is self-funded, and does not receive any broadband funding from the state of Texas. However, we have a relationship with local electric companies and pole attachments are quick and communications with the pole owners are never a problem. Additionally, the municipalities that we serve are all motivated to expedite use of the rights of way for advanced telecommunications.

Existing Providers

AT&T, provides ADSL services in the Wichita Falls and Burkburnett Texas areas. In some of that area, there is adequate bandwidth available for today's needs with speeds of 3-5 Mbps. However the ADSL platform is not scalable to meet the future needs of the community and in some of the areas within the city limits and in most of the outlying areas, available speeds are limited to less than 1 Mbps. ADSL has a max upload of less than 1 Mbps and that speed is no longer sufficient for businesses and individuals to transfer information.

In our business plan, we consider any area where 10 Mbps service is not currently available to be underserved. We believe significant investment in infrastructure is needed in those areas to meet current and future needs. In the rest of the unincorporated areas, Internet service is limited to fixed, unlicensed wireless delivery and satellite.

Project Timeline

Texhoma Fiber already owns a fiber backbone in much of the proposed build area and has a sister company with its own construction assets. Engineering is underway for the project and we estimate that construction could begin within one month of funding. Effectively, we are shovel ready. We anticipate completion to 90% of addresses within 24 months and 100% within an additional 18 months.

Scalability

Texhoma Fiber would execute the project in three phases and with project completion within 24 months.

Total Texhoma Investment

\$2 Million

One Time Capital Infrastructure Investment Needed

\$5 Million

Total Project Cost

\$7 Million